

Remarks

This is in response to Office Action dated January 27, 2005.

Per the above amendment, the title has been replaced by a substitute title that more clearly defines the invention.

With respect to item 4 of the Office Action, the examiner's attention is respectfully directed to the page 18, line 17 to page 19, line 4 of the specification. There, a recording strategy being a time-domain recording laser waveform as recited in amended claims 1-10 is supported.

Claims 1, 3, 5, and 8 were rejected under 35 U.S.C. 103(a) as being obvious over Miyake et al (USP 6,580,684), and claims 2, 4, 6-7 and 9-10 were rejected under 35 U.S.C. 103(a) as being obvious over the combination of Miyake and Mori et al (USP 6,463,185)

In amended claims 1-10, recording management information has portions corresponding to respective at least three different integer multiples of a normal velocity relating to scanning of the disc. This limitation in amended claims 1-10 is supported by the specification, page 21, line 25 to page 23, line 11, and the strategy code 1(1X), the strategy code 2(2X), and the strategy code 2(mX) in Fig. 3.

The first feature of the inventions of amended claims 1-10 is that the information management area of the optical disc stores recording management information having portions corresponding to respective at least three different integer multiples of a normal velocity relating to scanning of the disc. The second feature of the inventions of the amended claims 1-10 is that each of the portions of the recording management information contains a first information piece representative of

a recording strategy being a time-domain recording laser waveform and a second information piece representative of a recording laser power.

The advantage of the inventions of amended claims 1-10 is that it is possible to shorten a time spent until the recording is started for each of the different disc scanning linear velocities.

The above-mentioned first feature, second feature, and advantage of the inventions of amended claims 1-10 are not taught by Miyake et al (USP 6,580,684) and Mori et al (USP 6,463,185). Therefore, the inventions of amended claims 1-10 are patentable over Miyake et al and Mori et al.

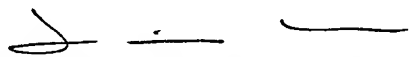
In more detail, none of Miyake et al and Mori et al teaches the below-mentioned features and advantage of the inventions of amended claims 1-10.

The inventions of the amended claims 1-10 meet the requirements for a change in the recording laser power, the recording laser strategy, and the disc scanning linear velocity. The inventions of amended claims 1-10 solve the problem that a long time is necessary to find optimum values of the recording laser power and the recording laser strategy. In the inventions of amended claims 1-10, management information representing the optimum recording laser power and the optimum recording laser strategy for each of the different disc scanning linear velocities is previously stored in the optical disc. This management information is reproduced from the optical disc, and a necessary portion is selected or extracted from the reproduced management information. The selected portion of the reproduced management information is used or referred to, and the recording of main information is started and performed in conditions reflecting the optimum recording laser power and the optimum recording laser strategy represented by the selected portion of the reproduced management information. The inventions of amended claims 1-10

shorten the time spent until the recording is started for each of the different disc scanning linear velocities.

In view of the foregoing, the examiner is respectfully requested to reconsider the application and pass the same to issue at an early date.

Respectfully submitted,



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